CITY OF NEWTON, MASSACHUSETTS PURCHASING DEPARTMENT COMPARISON OF BIDS

INVITATION #11-78

Historic Newton Tomb Restoration Project

Bid Opening: May 5, 2011 - 11:00 AM Jackson Homestead / Laura Costello

Bidders		Folan Waterproofing	Tasco Construction	T. Cooney	Roger A. Tremblay Contractors
BASE BID		\$98,040.00	\$183,950.00	\$193,000.00	\$194,510.00
Alternate 1		\$19,780.00	\$34,180.00	\$20,000.00	\$52,250.00
	Total Base Bid & Alternate 1	\$117,820.00	\$218,130.00	\$213,000.00	\$246,760.00
Alternate 2		\$97,485.00	\$193,300.00	\$138,000.00	\$122,300.00
	Total Base Bid & Alternate 1 & 2	\$215,305.00	\$411,430.00	\$351,000.00	\$369,060.00
Alternate 3		\$83,145.00	\$166,050.00	\$227,000.00	\$118,300.00
	Total Base Bid & Alternate 1, 2 & 3	\$298,450.00	\$577,480.00	\$578,000.00	\$487,360.00
Alternate 4		\$71,499.00	\$142,225.00	\$75,000.00	\$93,175.00
	Total Base Bid & Alternate 1, 2,3 & 4	\$369,949.00	\$719,705.00	\$653,000.00	\$580,535.00
Alternate 5		\$42,006.00	\$106,400.00	\$83,000.00	\$78,060.00
	Total Base Bid & Alternate 1, 2,3,4 & 5	\$411,955.00	\$826,105.00	\$736,000.00	\$658,595.00

Award Recommended To:			
Base Bid	_		
Alternate #1		Chief Procurement Officer	Date
Alternate #2	<u> </u>		
Alternate #3	_		
Alternate #4	_		
Alternate #5	_		
		Mayor or his designee	Date
Department Head	_		
NOTES REGARDING SUBMITTED BIDS			

Bidders		Folan Waterproofing		Tasco Construction		T. Cooney		Roger A. Tremblay Contractors	
ITEM DESCRIPTION & BID PRICE		Unit Price	Annual	Unit Price	Annual	Unit Price	Annual	Unit Price	Annual
BB1 - REBUILD STONE MASONRY- Dismantle and reconstruct tomb brick walls and above ground monuments measured by the gross square foort per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks(preferred) or provision of new bricks included.	360	\$81.00	\$29,160.00	\$170.00	\$61,200.00	\$100.00	\$36,000.00	\$200.00	\$72,000.00
BB2 - STONE CONSERVATION - Conservation and repair of existing stones and plaques as described on drawings and in Section 04550	1	\$3,570.00	\$3,570.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00
BB3 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb.	7	\$2,910.00	\$20,370.00	\$5,000.00	\$35,000.00	\$1,000.00	\$7,000.00	\$1,780.00	\$12,460.00
BB4 - REPOINT BRICK VAULT - Cut and point the brick joint-eroded tomb vault construction as needed, assume 50 square feet per tomb.	350	\$27.00	\$9,450.00	\$25.00	\$8,750.00	\$25.00	\$8,750.00	\$25.00	\$8,750.00
BB5 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb.	70	\$81.00	\$5,670.00	\$500.00	\$35,000.00	\$150.00	\$10,500.00	\$150.00	\$10,500.00
BB6 - REPLACE SLATE STAIR COVERS - Replace broken slate stair covers.	2	\$4,860.00	\$9,720.00	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00	\$2,400.00	\$4,800.00
BB7 - RE-SET COPING STONES - Remove and re-set coping stones at tomb headwalls.	75	\$144.00	\$10,800.00	\$280.00	\$21,000.00	\$100.00	\$7,500.00	\$100.00	\$7,500.00
BB8 - ALL REMAINING AND INCIDENTAL WORK - All remaining work to be performed by the lump sum as a non-measured item, including all temporary shoring and support, permits, trash disposal and all incidentals as well as all work indicated on the contract documents that are not described as unit cost items.	1	\$9,300.00	\$9,300.00	\$8,000.00	\$8,000.00	\$119,250.00	\$119,250.00	\$75,000.00	\$75,000.00
TOTAL FOR ALL BASE BID ITEMS		\$98,040.00		\$183,950.00		\$193,000.00		\$194,510.00	
Alternate 1									
A11 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls and above ground monuments. Harvesting, cleaning and re-setting of existing stones included.	40	\$150.00	\$6,000.00	\$172.00	\$6,880.00	\$200.00	\$8,000.00	\$165.00	\$6,600.00
A12 - STONE CONSERVATION - Conservation and repair of existing stones and plaques as described on drawings and in Section 04550	1	\$1,000.00	\$1,000.00	\$4,600.00	\$4,600.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
A13 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb.	1	\$2,910.00	\$2,910.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
A14 - REPOINT BRICK VAULT - Cut and point the brick joint-eroded tomb vault construction as needed, assume 50 square feet per tomb.	50	\$30.00	\$1,500.00	\$24.00	\$1,200.00	\$25.00	\$1,250.00	\$25.00	\$1,250.00
A15 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb	10	\$81.00	\$810.00	\$250.00	\$2,500.00	\$150.00	\$1,500.00	\$150.00	\$1,500.00
A16 - REPLACE SLATE STAIR COVERS - Replace broken slate stair covers.	1	\$4,860.00	\$4,860.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,400.00	\$2,400.00
A18 - ALL REMAINING AND INCIDENTAL WORK - All remaining work to be performed by the lump sum as a non-measured item, including all temporary shoring and support, permits, trash disposal and all incidentals as well as all work indicated on the contract documents that are not described as unit cost items.	1	\$2,700.00	\$2,700.00	\$9,000.00	\$9,000.00	\$5,250.00	\$5,250.00	\$36,000.00	\$36,000.00
TOTAL FOR ALL ALTERNATE #1 ITEMS		\$19,780.00		\$34,180.00		\$20,000.00		\$52,250.00	

Alternate 2									
A21 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls and above ground monuments. Harvesting cleaning and resetting of existing stones included.	140	\$129.00	\$18,060.00	\$300.00	\$42,000.00	\$200.00	\$28,000.00	\$165.00	\$23,100.00
A22 - REBUILD BRICK MASONRY - Dismantle and reconstruct tomb brick walls and above ground monuments measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included.	120	\$81.00	\$9,720.00	\$290.00	\$34,800.00	\$100.00	\$12,000.00	\$150.00	\$18,000.00
A23 - STONE CONSERVATION - Conserve and repair existing stones and plaques as described on drawings and in Section 04550.	1	\$6,375.00	\$6,375.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$8,500.00	\$8,500.00
A24 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb.	5	\$2,910.00	\$14,550.00	\$6,000.00	\$30,000.00	\$1,000.00	\$5,000.00	\$2,000.00	\$10,000.00
A25 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by the gross square foot, assume 50 squre feet per tomb.	250	\$27.00	\$6,750.00	\$50.00	\$12,500.00	\$25.00	\$6,250.00	\$26.00	\$6,500.00
A26 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per width of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb.	50	\$81.00	\$4,050.00	\$500.00	\$25,000.00	\$150.00	\$7,500.00	\$150.00	\$7,500.00
A27 - REPLACE SLATE STAIR COVERS - Replace broken slate stair covers.	4	\$4,860.00	\$19,440.00	\$5,000.00	\$20,000.00	\$1,000.00	\$4,000.00	\$1,800.00	\$7,200.00
A28 - INSTALL NEW CAST IRON TOMB DOOR - Install new tomb door covers as detailed.	1	\$9,900.00	\$9,900.00	\$12,000.00	\$12,000.00	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00
A29 - ALL REMAINING AND INCIDENTAL WORK - All remaining work to be performed by the lump sum as a non-measured item, including all temporary shoring and support, permits, trash disposal and all incidentals as well as all work indicated on the contract documents that are not described as unit cost items.	1	\$8,640.00	\$8,640.00	\$7,000.00	\$7,000.00	\$70,750.00	\$70,750.00	\$38,000.00	\$38,000.00
		\$97,485.00		\$193,300.00		\$138,000.00			
TOTAL FOR ALL ALTERNATE #2 ITEMS		\$97,48	85.00	\$193,3	00.00	\$138,0	00.00	\$122,3	300.00
TOTAL FOR ALL ALTERNATE #2 ITEMS Alternate 3		\$97,48	35.00	\$193,3	00.00	\$138,0	00.00	\$122,3	300.00
	305	\$97,43 \$129.00	\$39,345.00	\$193,3 \$300.00	\$91,500.00	\$138,0 \$200.00	\$61,000.00	\$122,5 \$160.00	\$48,800.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and	305			+		. ,			
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included.		\$129.00	\$39,345.00	\$300.00	\$91,500.00	\$200.00	\$61,000.00	\$160.00	\$48,800.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included. A32 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls. A33 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured	90	\$129.00 \$24.60	\$39,345.00 \$2,214.00	\$300.00 \$20.00	\$91,500.00 \$1,800.00	\$200.00 \$50.00	\$61,000.00 \$4,500.00	\$160.00 \$25.00	\$48,800.00 \$2,250.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included. A32 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls. A33 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb. A34 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by	90	\$129.00 \$24.60 \$2,910.00	\$39,345.00 \$2,214.00 \$14,550.00	\$300.00 \$20.00 \$6,000.00	\$91,500.00 \$1,800.00 \$30,000.00	\$200.00 \$50.00 \$1,000.00	\$61,000.00 \$4,500.00 \$5,000.00	\$160.00 \$25.00 \$1,800.00	\$48,800.00 \$2,250.00 \$9,000.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included. A32 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls. A33 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb. A34 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by the gross square foot, assume 50 square feet per tomb. A35 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing	90 5 150	\$129.00 \$24.60 \$2,910.00 \$27.00	\$39,345.00 \$2,214.00 \$14,550.00 \$4,050.00	\$300.00 \$20.00 \$6,000.00 \$25.00	\$91,500.00 \$1,800.00 \$30,000.00 \$3,750.00	\$200.00 \$50.00 \$1,000.00 \$25.00	\$61,000.00 \$4,500.00 \$5,000.00 \$3,750.00	\$160.00 \$25.00 \$1,800.00 \$25.00	\$48,800.00 \$2,250.00 \$9,000.00 \$3,750.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included. A32 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls. A33 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb. A34 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by the gross square foot, assume 50 square feet per tomb. A35 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb.	90 5 150 30	\$129.00 \$24.60 \$2,910.00 \$27.00	\$39,345.00 \$2,214.00 \$14,550.00 \$4,050.00	\$300.00 \$20.00 \$6,000.00 \$25.00	\$91,500.00 \$1,800.00 \$30,000.00 \$3,750.00 \$9,000.00	\$200.00 \$50.00 \$1,000.00 \$25.00	\$61,000.00 \$4,500.00 \$5,000.00 \$3,750.00 \$4,500.00	\$160.00 \$25.00 \$1,800.00 \$25.00	\$48,800.00 \$2,250.00 \$9,000.00 \$3,750.00 \$4,500.00
Alternate 3 A31 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included. A32 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls. A33 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb. A34 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by the gross square foot, assume 50 square feet per tomb. A35 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb. A36 - REPLACE SLATE STAIR COVERS - Replace broken slate stair covers A37 - REBUILD STONE PERIMETER WALL - Dismantle and reconstruct stone perimeter site wall. Harvesting,	90 5 150 30 2	\$129.00 \$24.60 \$2,910.00 \$27.00 \$99.00 \$4,860.00	\$39,345.00 \$2,214.00 \$14,550.00 \$4,050.00 \$2,970.00	\$300.00 \$20.00 \$6,000.00 \$25.00 \$300.00	\$91,500.00 \$1,800.00 \$30,000.00 \$3,750.00 \$9,000.00	\$200.00 \$50.00 \$1,000.00 \$25.00 \$1,000.00	\$61,000.00 \$4,500.00 \$5,000.00 \$3,750.00 \$4,500.00	\$160.00 \$25.00 \$1,800.00 \$25.00 \$150.00 \$2,400.00	\$48,800.00 \$2,250.00 \$9,000.00 \$3,750.00 \$4,500.00

Alternate 4									
A41 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls . Harvesting cleaning and resetting of existing stones included.	250	\$129.00	\$32,250.00	\$300.00	\$75,000.00	\$200.00	\$50,000.00	\$165.00	\$41,250.00
A42 - STONE CONSERVATION - Conserve and repair existing stones and plaques as described on drawings and in Section 04550.	1	\$3,500.00	\$3,500.00	\$7,000.00	\$7,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00
A43 - REPOINT STONE MASONRY - Cut and point stone masonry tomb walls.	25	\$24.00	\$600.00	\$25.00	\$625.00	\$50.00	\$1,250.00	\$25.00	\$625.00
A44 - TOMB TIEBACK INSTALLATION - Install two tiebacks into the tomb headwalls and top of vault measured by the tomb.	2	\$2,910.00	\$5,820.00	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00
A45 - REPOINT BRICK VAULT - Cut and point the joint-eroded brick tomb vault masonry as needed measured by the gross square foot, assume 50 square feet per tomb.	200	\$27.00	\$5,400.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00	\$25.00	\$5,000.00
A46 - REBUILD BRICK VAULT - Dismantle and reconstruct damaged brick tomb vault construction as needed measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included. Assume 10 square feet per tomb.	40	\$81.00	\$3,240.00	\$500.00	\$20,000.00	\$150.00	\$6,000.00	\$150.00	\$6,000.00
A47 - REPLACE SLATE STAIR COVERS - Replace broken slate stair covers.	1	\$4,860.00	\$4,860.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$2,400.00	\$2,400.00
A48 - INSTALL NEW CAST IRON TOMB DOOR - Install new tomb door covers as detailed	1	\$9,900.00	\$9,900.00	\$12,000.00	\$12,000.00	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00
A49 - ALL REMAINING AND INCIDENTAL WORK - All remaining work to be performed by the lump sum as a non-measured item, including all temporary shoring and support, permits, trash disposal and all incidentals as well as all work indicated on the contract documents that are not described as unit cost items.		\$5,929.00	\$5,929.00	\$7,600.00	\$7,600.00	\$5,250.00	\$5,250.00	\$29,000.00	\$29,000.00
TOTAL FOR ALL ALTERNATE #4 ITEMS		\$71,499.00		\$142,225.00		\$75,000.00		\$93,175.00	
Alternate 5									
A51 - REBUILD STONE MASONRY - Dismantle and reconstruct tomb stone walls. Harvesting, cleaning and resetting of existing stones included	64	\$129.00	\$8,256.00	\$300.00	\$19,200.00	\$200.00	\$12,800.00	\$165.00	\$10,560.00
A52 - REBUILD BRICK MASONRY - Dismantle and reconstruct tomb brick walls measured by the gross square foot per wythe of exposed face. Harvesting, cleaning and replacement of existing bricks (preferred) or provision of new bricks included	240	\$81.00	\$19,440.00	\$290.00	\$69,600.00	\$100.00	\$24,000.00	\$150.00	\$36,000.00
	1	\$11,400.00	\$11,400.00	\$7,600.00	\$7,600.00	\$2,000.00	\$2,000.00	\$7,500.00	\$7,500.00
A54 - ALL REMAINING AND INCIDENTAL WORK - All remaining work to be performed by the lump sum as a non-measured item, including all temporary shoring and support, permits, trash disposal and all incidentals as well as all work indicated on the contract documents that are not described as unit cost items.	1	\$2,910.00	\$2,910.00	\$10,000.00	\$10,000.00	\$44,200.00	\$44,200.00	\$24,000.00	\$24,000.00
		\$42,006.00		\$106,400.00		\$83,000.00		\$78,060.00	